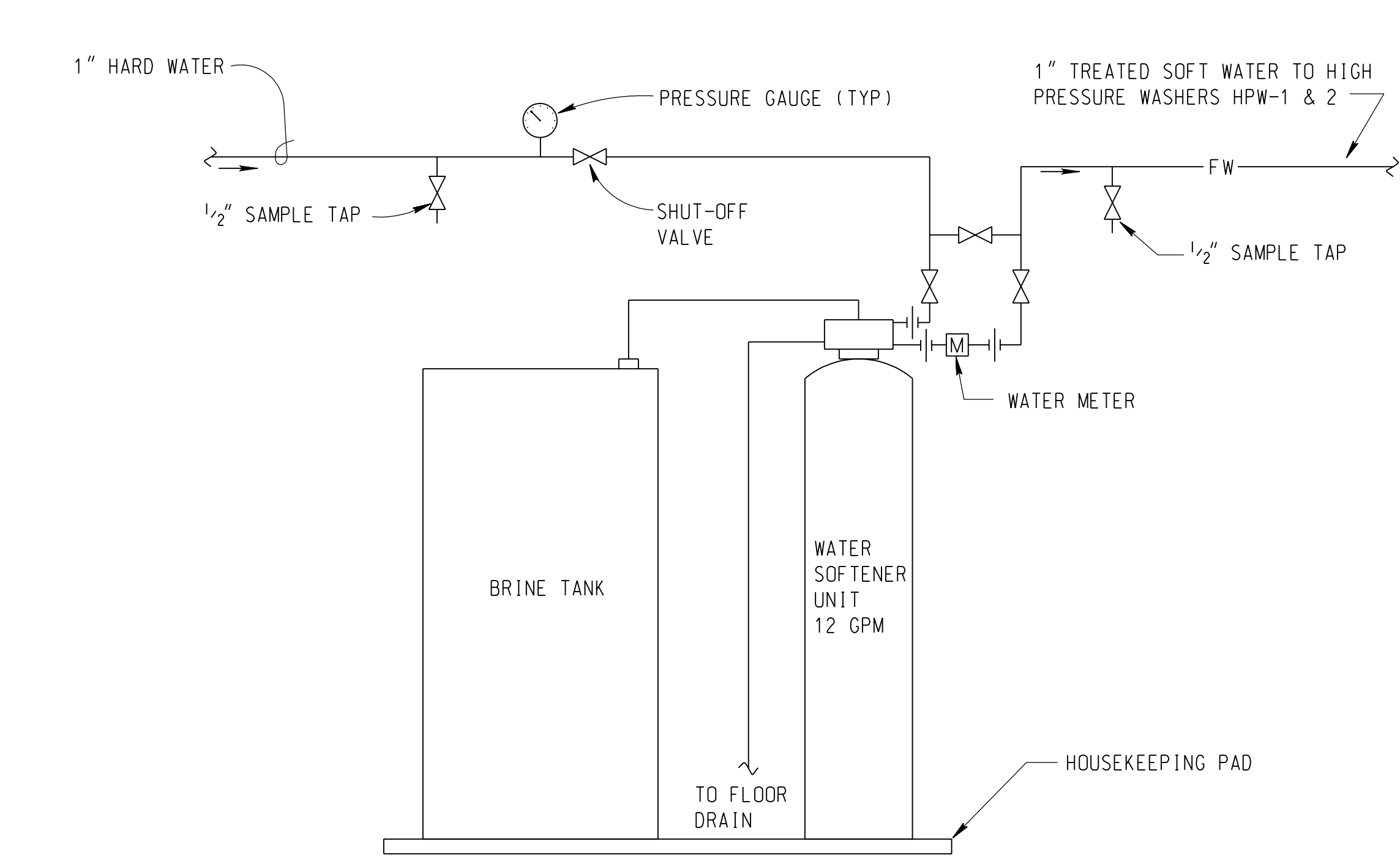


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### WATER SOFTENING SYSTEM DETAIL

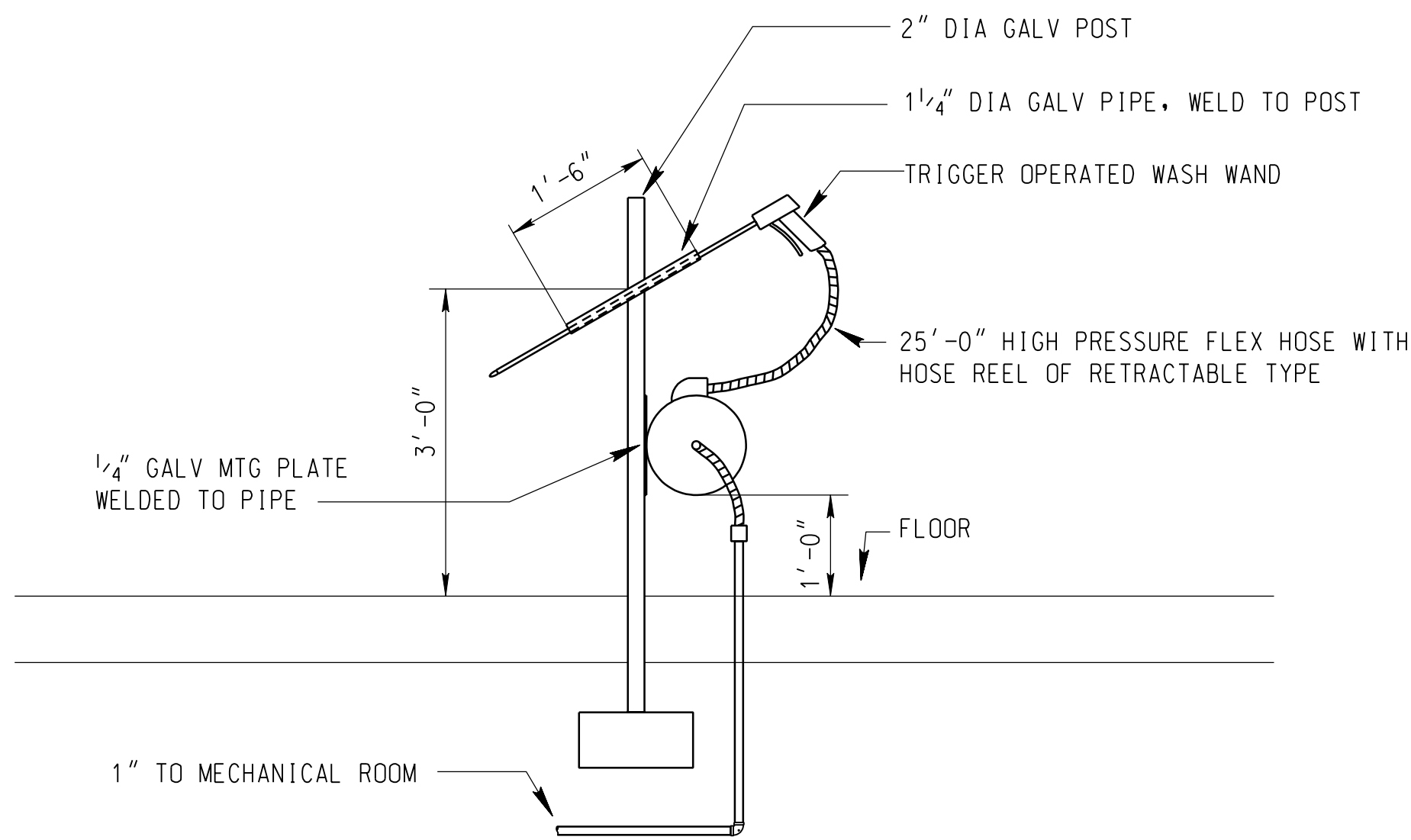
NO SCALE

HARD WATER ANALYSIS

TOTAL HARDNESS (AS CaCO3)	=	74	PPM
TOTAL ALKALINITY (AS CaCO3)	=	36	PPM
SODIUM (AS CaCO3)	=	5.5	PPM
TOTAL DISSOLVED SOLIDS	=	140	PPM
IRON (AS Fe)	=	.19	PPM
CHLORINE (AS Cl)	LESS THAN	1.0	PPM
SULFATE	=	8.84	PPM

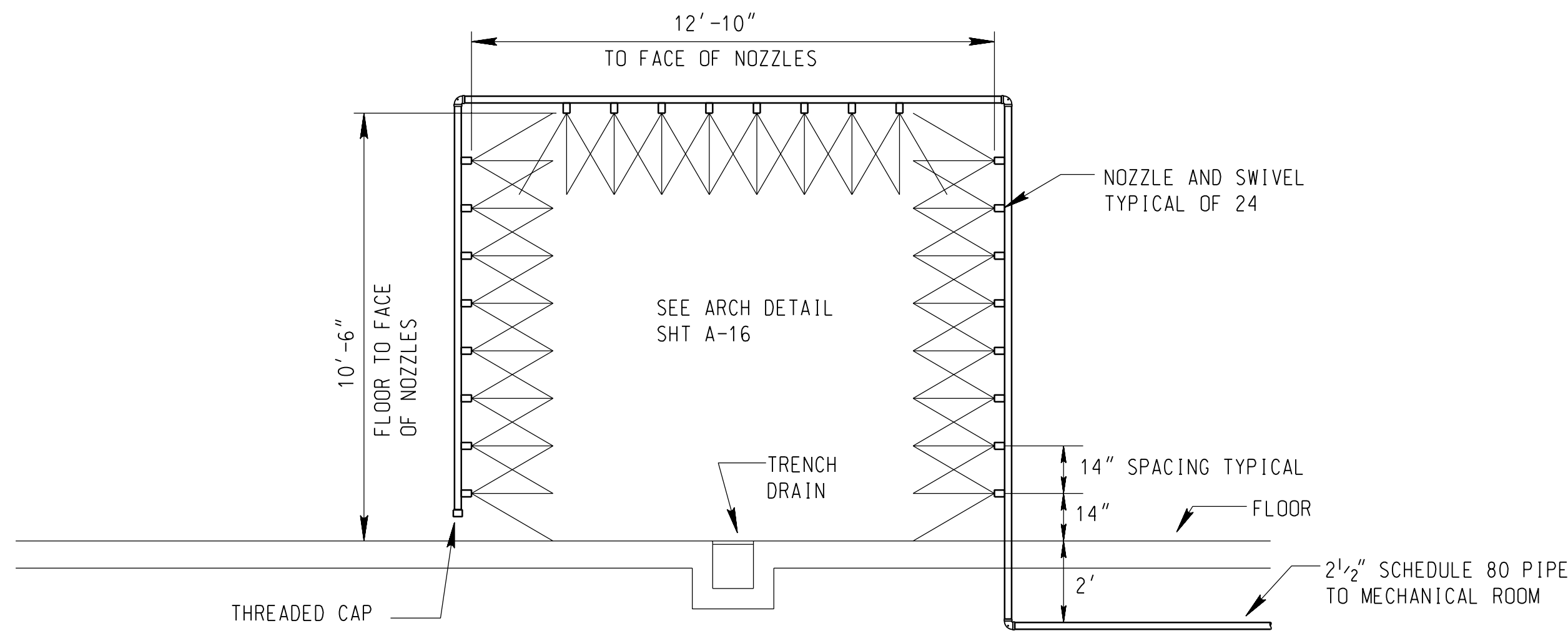
### NOTES

1. A MAXIMUM FLOW OF 12 GPM IS MEASURED THROUGH A FLOW METER.
2. THE INCOMING WATER SUPPLY IS PROCESSED THROUGH WATER SOFTENING EQUIPMENT. THE WATER IS SOFTENED TO REDUCED TOTAL HARDNESS FROM 80 PPM TO 5 PPM.



### WASH WAND DETAIL

NO SCALE



### WASH/RINSE ARCH DETAIL

NO SCALE

BRACKETS TO SUIT, BY CONTRACTOR, FOR A RIGID INSTALLATION

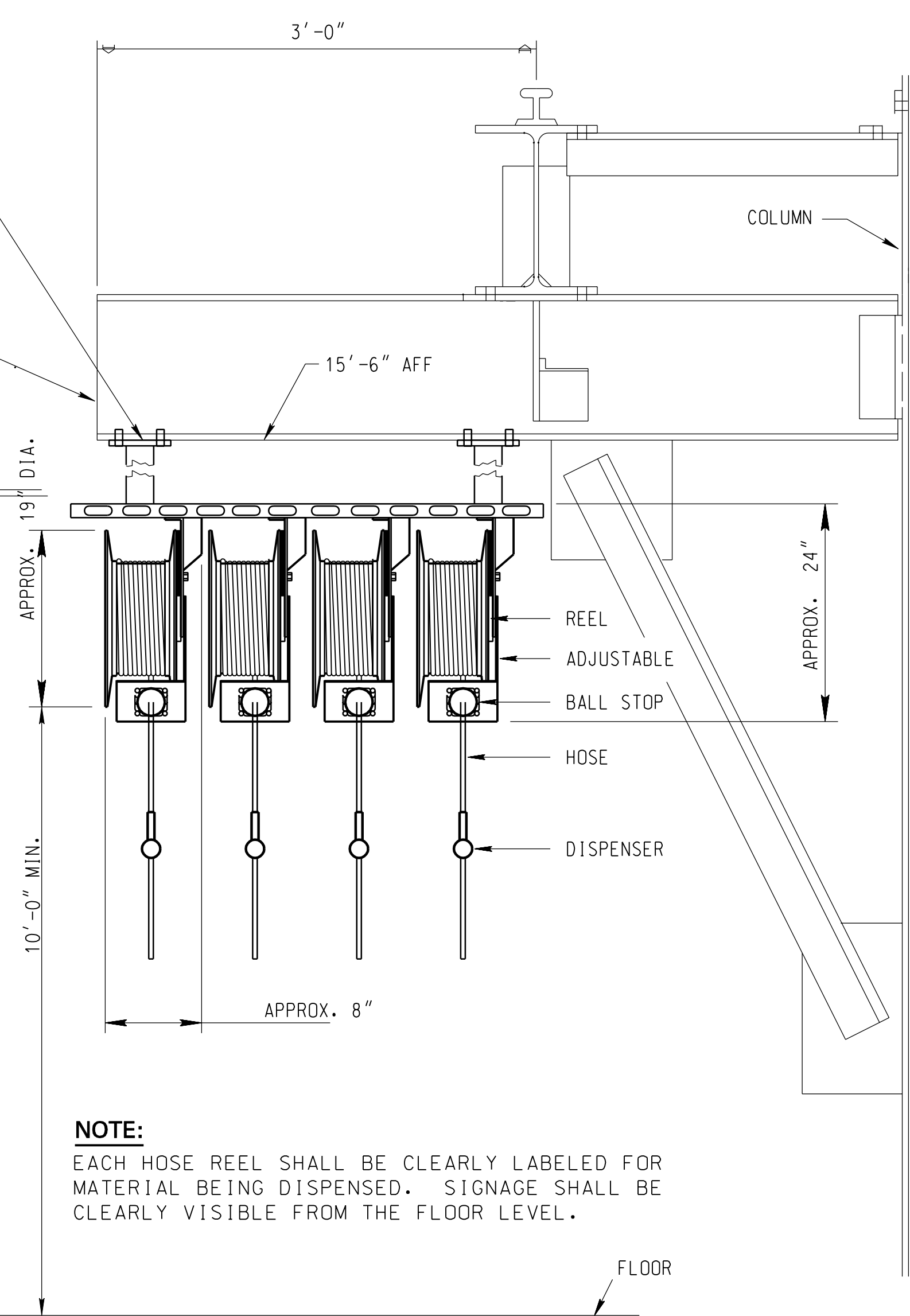
BEAM MOUNTED IN 3 BAY SERVICE AREA, ROOM 116.

SEE STRUCT. SECTION 10, ON DWG. S-10

POST MOUNTED FROM FLOOR IN 2 BAY SERVICE AREA, ROOM 101.

SEE ARCH. DWG'S.

10' AFF

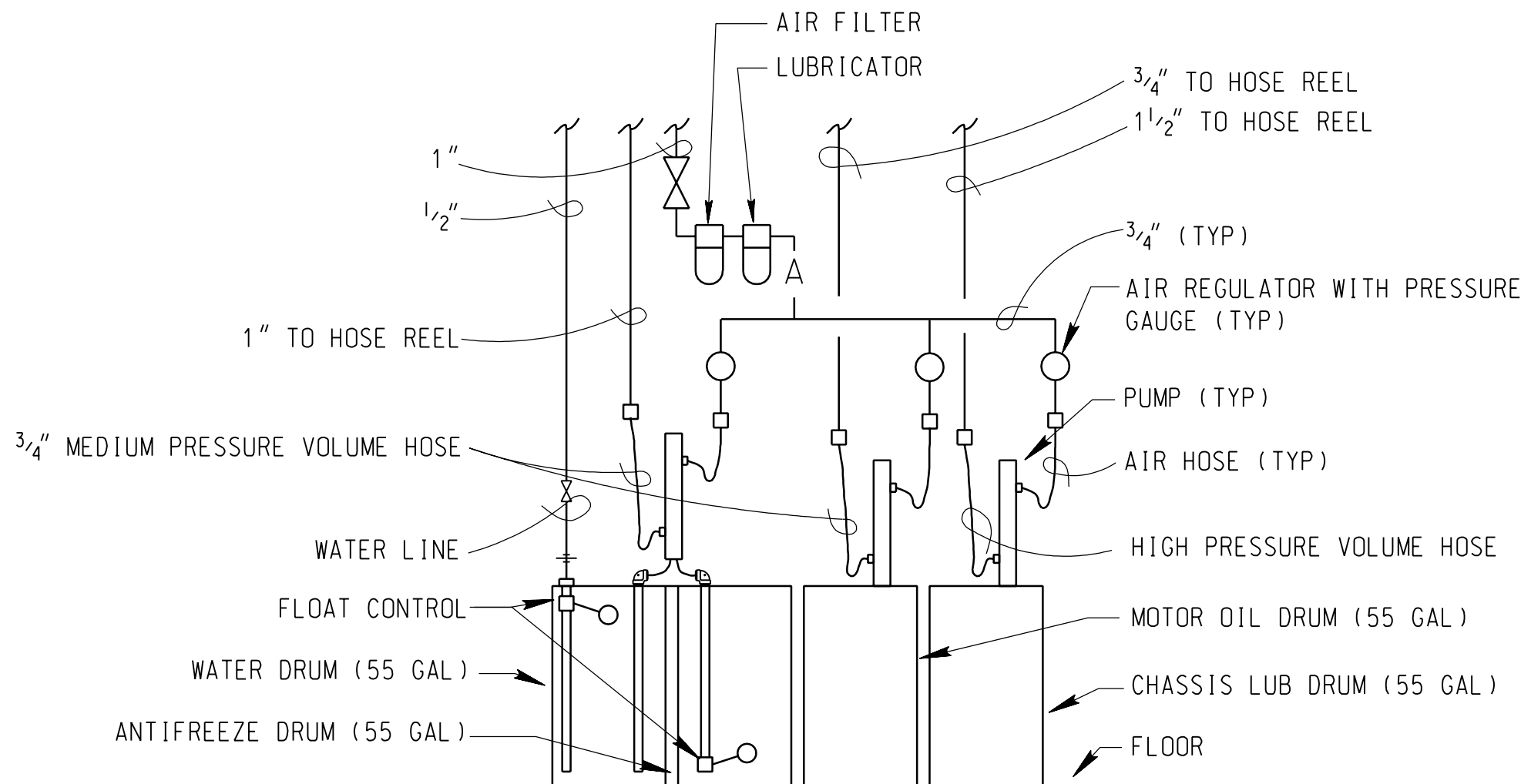


### NOTE:

EACH HOSE REEL SHALL BE CLEARLY LABELED FOR MATERIAL BEING DISPENSED. SIGNAGE SHALL BE CLEARLY VISIBLE FROM THE FLOOR LEVEL.

### HOSE REEL DETAIL

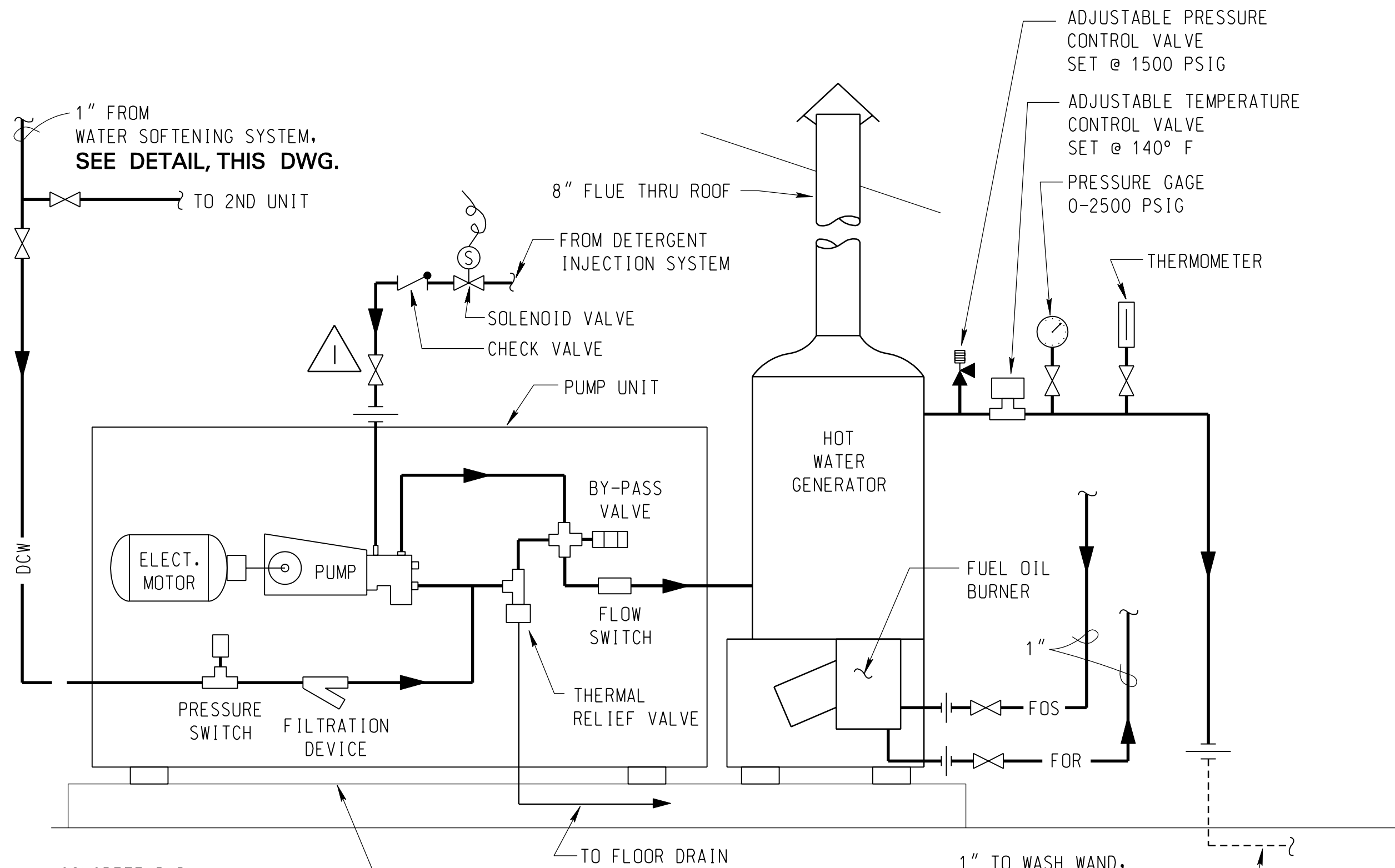
NO SCALE



### SERVICE BAY PUMP AREA

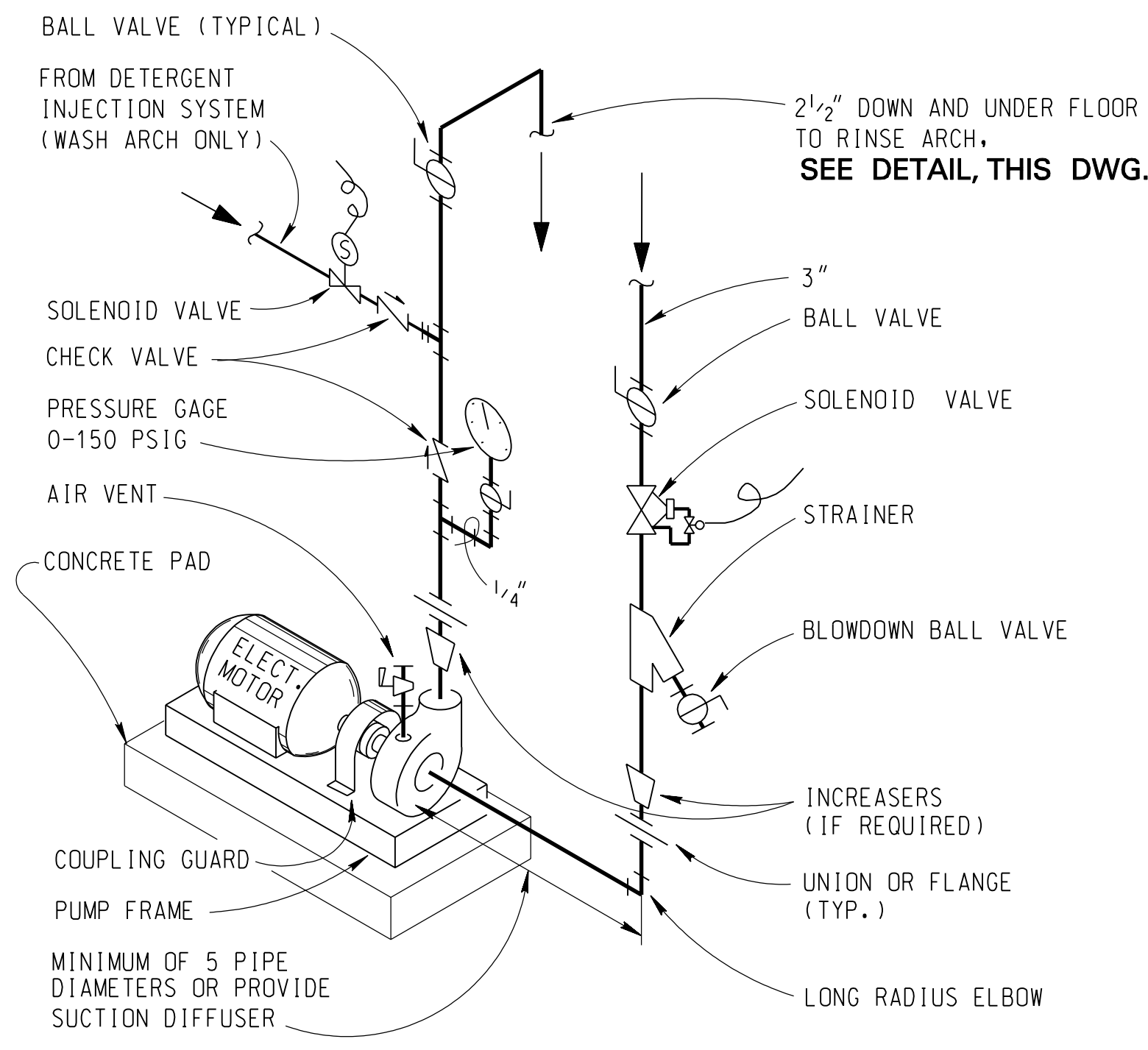
NO SCALE

EXAMPLE  
FINAL DESIGN  
PROJECT DIRECTORY: DC100



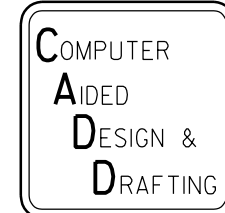
### HIGH PRESSURE WASH SYSTEM

NO SCALE



### WASH / RINSE ARCH PRESSURE PUMPS

NO SCALE



\$\$ - THINK VALUE ENGINEERING - \$\$			
Revisions			
Symbol	Descriptions	Date	Approved
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA			
Designed by: J.J.P.	SITE NAME <b>OMAHA DISTRICT DESIGN GUIDE</b>		SITE LOCATION
Drawn by: S.L.M./C.R.M.	<b>PLUMBING DETAILS</b>		
Checked by: C.R.M.			
Reviewed by: K.A.H.	Plot Scale Ratio: 1:12 Design File: oddgm203.dgn	Date: JUNE 2002	Sheet reference number:
Submitted by:	Spec. No.: DACA 45	Drawing Code:	
Chief: MECH. FAC. Section	Contract No.: DACA 45	X	<b>M2.3</b>

D

C

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